

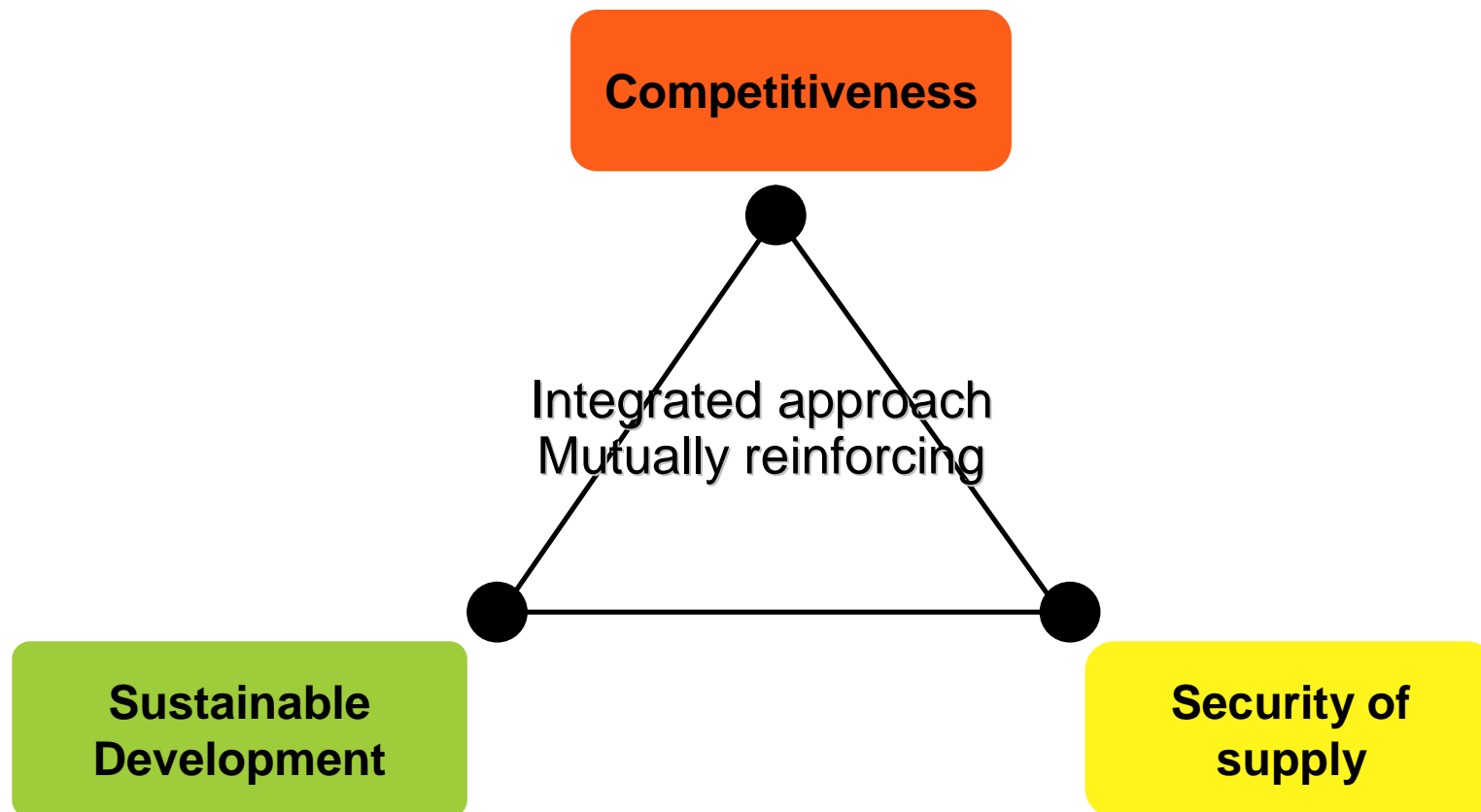
The second Strategic European Energy Review

An EU Energy Security and Solidarity Action Plan

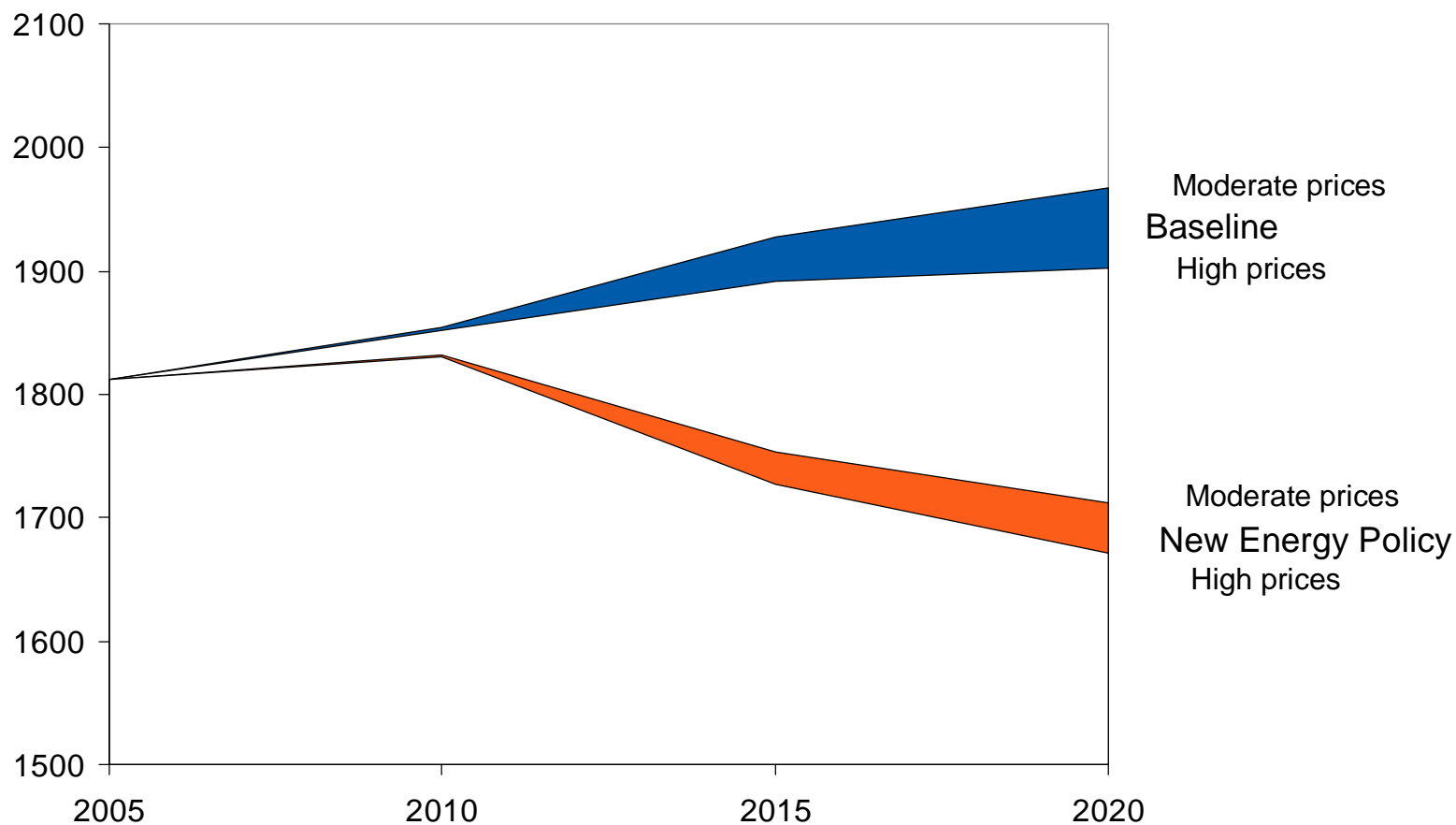
Jean-Arnold Vinois
Head of Unit “Energy policy and security of supply”
European Commission

9th EU-GCC Energy Experts Group
Brussels, 25 February 2009

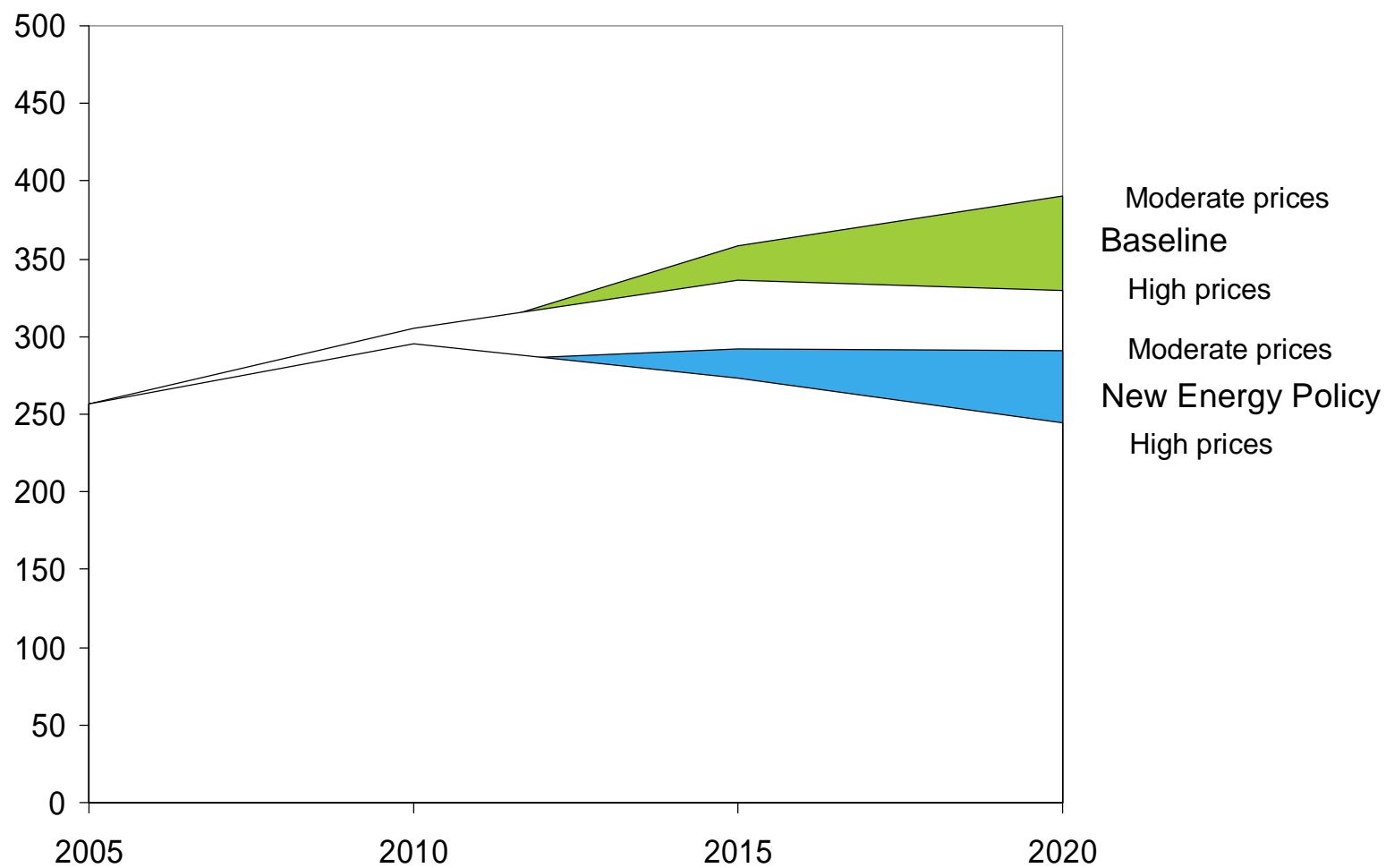
2nd SER – focus on **energy security** - new political momentum to develop a **European approach** – completes 1st SER



Primary energy consumption (Mtoe)



Net imports of gas (Mtoe)



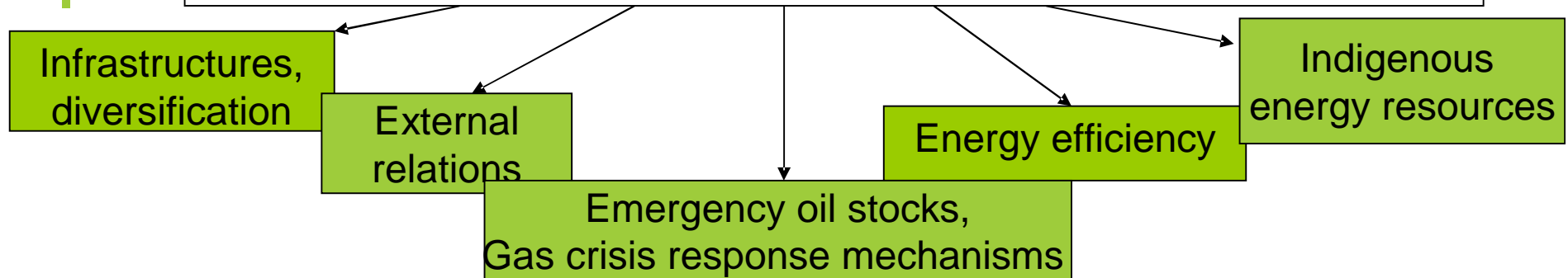
2nd SER – main messages

- From a **long term** energy security viewpoint, the **20-20-20 strategy** is the right direction to go in
- In the **short to medium** term, to prevent and manage supply crises
 - Europe's market and solidarity can diminish vulnerability
 - internationally, combined forces can be better than dispersed national actions

EU Energy Security and Solidarity Action Plan

- Need to start looking beyond 2020 to **2050**

EU ENERGY SECURITY AND SOLIDARITY ACTION PLAN



Supporting analyses:

"Europe's current and future energy position: demand, resources, investment"

Green Paper on EU energy networks	Proposal to revise oil stocks Directive	Communication on energy efficiency	Update of nuclear indicative programme
TEN-E 2002-6	Communication on gas supply security Directive	Proposals to revise Directives on energy performance of buildings, energy labelling, new Directive on labelling of tyres	
Assessment of oil infrastructures		Communication on CHP, guidelines for implementation of Directive	
Communication on offshore wind			

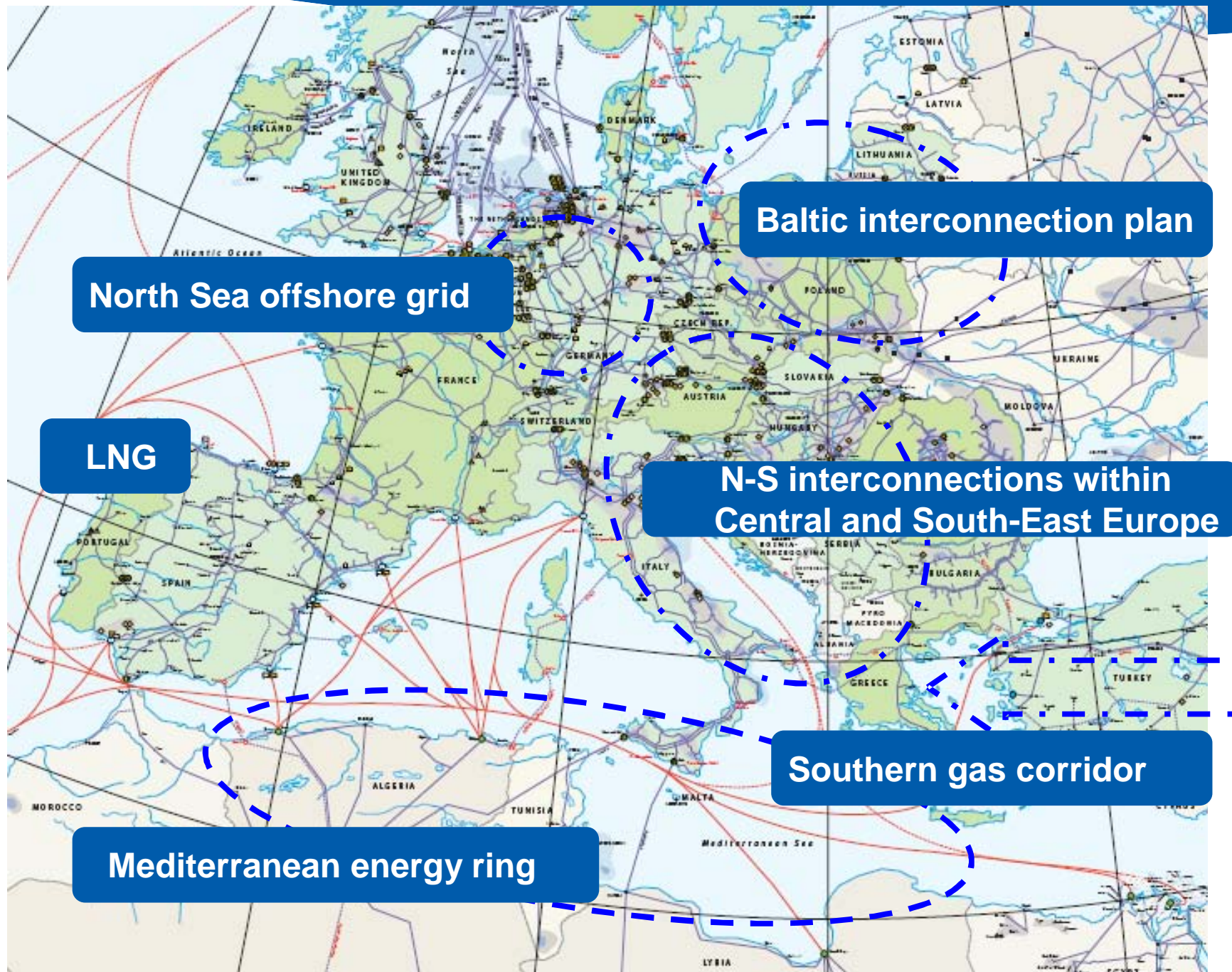


Infrastructure needs and the diversification of energy supplies

Proposed energy security priorities:

- Baltic Interconnection Plan
- Southern gas corridor
- Liquefied natural gas
- Mediterranean energy ring
- North-South interconnections within Central and South-East Europe
- North Sea offshore grid

Green Paper on European energy networks,
including idea of an EU Energy Security and
Infrastructure Instrument



External energy relations

- **Common interest** in EU energy security growing
- Mechanisms for transparency among EU, MS and development of common messages to be put forward
- Positive message to partners – **energy interdependence** increasing, all gain from more cooperation and robust international legal frameworks
- Solidarity with neighbours via Energy Community, European Economic Area
- Cooperation on energy consumption, energy efficiency, climate protection, nuclear safety

Oil emergency stocks and gas crisis response mechanisms

- Oil – proposal to revise EU **emergency stocks** legislation
- Includes publishing aggregated **commercial oil stocks** on weekly basis
- Commission to consult with a view to proposing a revised **Security of Gas Supply Directive** in 2010
- Greater harmonisation of security of supply standards and predefined emergency measures at regional and EU levels needed
- Obligatory strategic gas stocks? - more effective options may be available

Energy efficiency

- 2008 Energy Efficiency package focused on buildings and products, cogeneration
- Sustainable Energy Financing Initiative, jointly with EIB; Covenant of Mayors an important instrument
- 2008 Communication on Greening of Transport
- Green Tax package to be presented
- International Partnership on Energy Efficiency Cooperation to be used
- 2006 Energy Efficiency Action Plan to be evaluated in 2009, with view to new Plan

Making the best use of the EU's indigenous energy resources

- Clear objective for **renewables**, the EU's greatest potential source of indigenous energy.
- Technology is crucial; next step in the Strategic Energy Technology Plan to be a **Communication on Financing Low Carbon Technologies**; including ways to support large scale demonstrations at EU level, of CCS ia; long-term use of **coal** requires highly-efficient plants and wide availability of CCS
- Berlin Fossil Fuel Forum to look at measures needed for cost-effective and environmentally-compatible access to indigenous EU **fossil fuels**.
- Revised proposal for Community framework for **nuclear** safety to be presented

Europe preparing its energy future now

- Eu's 2020 agenda set out **first steps** in transition to high-efficiency, low-carbon energy systems
- Deep structural changes, radical technological shifts require **choices today**
- Wide consultation on possible longer-term policy **objectives** eg decarbonising electricity supply by 2050
- **Roadmap** towards a 2050 Energy Policy to be prepared, in SET-Plan framework